

**ABSTRACT**

A non-crosslinked polyolefin foam comprises a plastics component and a blowing agent. The plastics component comprises a first constituent and a second constituent. The first constituent is a Ziegler-Natta catalyzed linear low density polyolefin and the second constituent is a low density polyolefin in one embodiment. The Ziegler-Natta catalyzed linear low density polyolefin has a polydispersity of less than 10 and a melt flow index less than 10g/10 minutes. The second constituent may be a polypropylene